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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

~~104~~ 4

Application Number

09/918,187

Filing Date

07/30/2001

First Named Inventor

Rosanne M. Crooke et al.

Issue Number

7,132,529

Confirmation Number

Attorney Docket Number

ISPH-0590

### ENCLOSURES (Check all that apply)

☐

Fee Transmittal Form

☐

Fee Attached

☐

Amendment/Reply

☐

After Final

☐

Affidavits/declaration(s)

☐

Extension of Time Request

☐

Express Abandonment Request

☐

Information Disclosure Statement

☐

Certified Copy of Priority Document(s)

☐

Reply to Missing Parts/  
Incomplete Application

☐

Reply to Missing Parts  
under 37 CFR 1.52 or 1.53

☐

Drawing(s)

☐

Licensing-related Papers

☐

Petition

☐

Petition to Convert to a  
Provisional Application

☐

Power of Attorney, Revocation

☐

Change of Correspondence Address

☐

Terminal Disclaimer

☐

Request for Refund

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CD, Number of CD(s) \_\_\_\_\_

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Landscape Table on CD

☐

After Allowance Communication to TC

☐

Appeal Communication to Board  
of Appeals and Interferences

☐

Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

☐

Proprietary Information

☐

Status Letter

☒

Other Enclosure(s) (please identify  
below):

Certificate of Correction  
Return Postcard

Remarks

Certificate

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of Correction

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Isis Pharmaceuticals, Inc.

Signature

*Frances R. Putkey*

Printed name

Frances R. Putkey

Date

November 1, 2007

Reg. No.

57,257

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

*Pamela Grooms*

Typed or printed name

Pamela Grooms

Date

11-2-2007

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 7,132,529  
APPLICATION NO.: 09/918,187  
ISSUE DATE : 11/07/2006  
INVENTOR(S) : Rosanne M. Crooke et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

1) Title Page:

Item [56], References Cited, OTHER PUBLICATIONS, "Benéet" reference, please delete "Benéet" and insert therefor --Bené et--;

2) Column 9, line 2, please delete "-CH<sub>2</sub>-N (CH<sub>3</sub>)-O-CH<sub>2</sub>" and insert therefor -- -CH<sub>2</sub>-N(CH<sub>3</sub>)-O-CH<sub>2</sub>- --;

3) Column 9, line 37, please delete "O(CH<sub>2</sub>)<sub>2</sub>ON (CH<sub>3</sub>)<sub>2</sub>" and insert therefor -- O(CH<sub>2</sub>)<sub>2</sub>ON(CH<sub>3</sub>)<sub>2</sub> --;

4) Column 9, line 41, please delete "2-O-CH<sub>2</sub>-O-CH<sub>2</sub>-N(CH<sub>2</sub>)<sub>2</sub>," and insert therefor --2'-O-CH<sub>2</sub>-O-CH<sub>2</sub>-N(CH<sub>2</sub>)<sub>2</sub>--;

5) Column 9, line 47, please delete "(-CH<sub>2</sub>-)," and insert therefor --(-CH<sub>2</sub>-)<sub>n</sub>--;

6) Column 11, line 54, please delete "2,3, 5-triiodobenzoic" and insert therefor --2,3,5-triiodobenzoic--;

7) Column 20, line 1, please delete "(S0750)" and insert therefor --(SO750)--;

8) Column 20, line 3, please delete "(DA0750)" and insert therefor --(DAO750)--;

9) Column 22, line 48, please delete "GM<sub>M1</sub>" and insert therefor --G<sub>M1</sub>--;

10) Column 22, line 61, please delete "GM<sub>M1</sub>" and insert therefor --G<sub>M1</sub>--;

11) Column 30, line 61, please insert --. after "mL";

12) Column 31, line 21, please insert --. after "(4:1)";

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Isis Pharmaceuticals, Inc.  
1896 Rutherford Rd.  
Carlsbad, CA 92008

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PATENT NO. : 7,132,529  
APPLICATION NO.: 09/918,187  
ISSUE DATE : 11/07/2006  
INVENTOR(S) : Rosanne M. Crooke et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- 13) Column 31, line 26, please delete "3'-o-acetyl-" and insert therefor -- 3'-O-acetyl- --;
- 14) Column 31, line 53, please delete "NH3" and insert therefor --NH<sub>3</sub>--;
- 15) Column 32, line 12, please insert --. after "L)";
- 16) Column 32, line 64, please delete "5'-o-tert-Butyldiphe-" and insert therefor -- 5'-O-tert-Butyldiphe- --;
- 17) Column 33, line 23, please delete "5'-O-tert-Butyldiphenylsilyl2'-O-(2-hydroxyethyl)-5-me-" and insert therefor --5'-O-tert-Butyldiphenylsilyl-2'-O-(2-hydroxyethyl)-5-me- --;
- 18) Column 33, line 56, please delete "5'-O-tert-butyldiphenylsilyl2'-O-[(2-formadoximinooxy)]" and insert therefor --5'-O-tert-butyldiphenylsilyl-2'-O-[(2-formadoximinooxy)]--;
- 19) Column 33, line 58, please delete "5'-O-tert-Butyldiphenylsilyl2'-O-[N,N-dimethylami-" and insert therefor -- 5'-O-tert-Butyldiphenylsilyl-2'-O-[N,N-dimethylami- --;
- 20) Column 35, line 7, please delete "N2-isobutyryl-6-O-diphenylcarbamoyl2'-O-(2-ethy-" and insert therefor --N2-isobutyryl-6-O-diphenylcarbamoyl-2'-O-(2-ethy- --;
- 21) Column 36, line 9, please delete "5'-O-Dimethoxytrityl2'-O-[2(2-N,N-dimethylaminoet-" and insert therefor -- 5'-O-Dimethoxytrityl-2'-O-[2(2-N,N-dimethylaminoet- --;
- 22) Column 39, line 59, please delete "SA" and insert therefor --5A--;
- 23) Column 41, line 25, please delete "TCCGTCATCGCTCCTCAGGG" and insert therefor --  
TCCGTCATCGCTCCTCAGGG--;

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APPLICATION NO.: 09/918,187  
ISSUE DATE : 11/07/2006  
INVENTOR(S) : Rosanne M. Crooke et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

24) Column 41, lines 29-30, please delete "ATGCATTCTGCCCCCAAGGA" and insert therefor --  
ATGCATTCTGCCCCCAAGA--;

25) Column 46, line 20, please delete "AGCCCGCCCG" and insert therefor --AGCCCGCCGG--.

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7/2007